

ABSTRACT

The present device includes a supporting structure (23) mounted on a hand body (22) so as to face a circumferential edge of a substrate from below the substrate to support it, first and second guiding members (51a, 51b) mounted on the hand body (22) and respectively having guiding surfaces (53a, 53b) in contact with an imaginary cylinder having an axis aligned with a reference axis (L1) of the hand body (22) and having a radius equal to that of the substrate, first and second movable members (24, 25) capable of moving in an imaginary plane perpendicular to the reference axis (L1) and disposed on the radially outer side of the circumferential edge of the substrate so as to face the circumferential edge thereof, and driving means (26) for simultaneously displacing the first and second movable members (24, 25) in the imaginary plane. The first and second guiding members (51a, 51b) and the first and second movable member (24, 25) are spaced apart on the circumference of the imaginary cylinder at circumferential intervals greater than the length of the arc of a segment cut to form a circumferential cut part in a substrate holding state where the substrate is held by at least either of the first and second guiding members (51a, 51b) and at least either of the first and second movable members (24, 25).